Bring your own knowledge

The Shopware App System and platform.sh

The Gist:

Search "App Base" on

docs.shopware.com

use

github.com/shopware/AppTemplate

if you like symfony. And in the end, host on

platform.sh

Also: Early Access API things teaser at the end.

Bonus Frontend awesomeness!

shopware®

What is that?

Who is this?

Niklas Dzösch

- Human
- Born '82
- Part of team Community Relations at Shopware
- Developer
- Developer Evangelist (Advocate)

Shopware

- eCommerce platform
- Born 2000
- Symfony based (+ vue.js in admin)
- Open Source (MIT/Expat)
- API first

- API first
- Webhooks

} All we need today

Extending Shopware

Extending Shopware, the expected way

- Create a symfony bundle with some sugar
- Throw it at Shopware
- Watch things happen

Extending Shopware, the less expected way

- Create your own software
- Host it wherever you want
- Shopware calls you when something happens
- Still integrate with the Storefront
- Also still integrate with the Admin

Extending Shopware, the unexpected and slightly uncomfortable way that still has benefits but just feels strange when you say it out aloud but you don't need to host anything externally

- Manipulating data through sandboxed twig files

What we are not talking about today

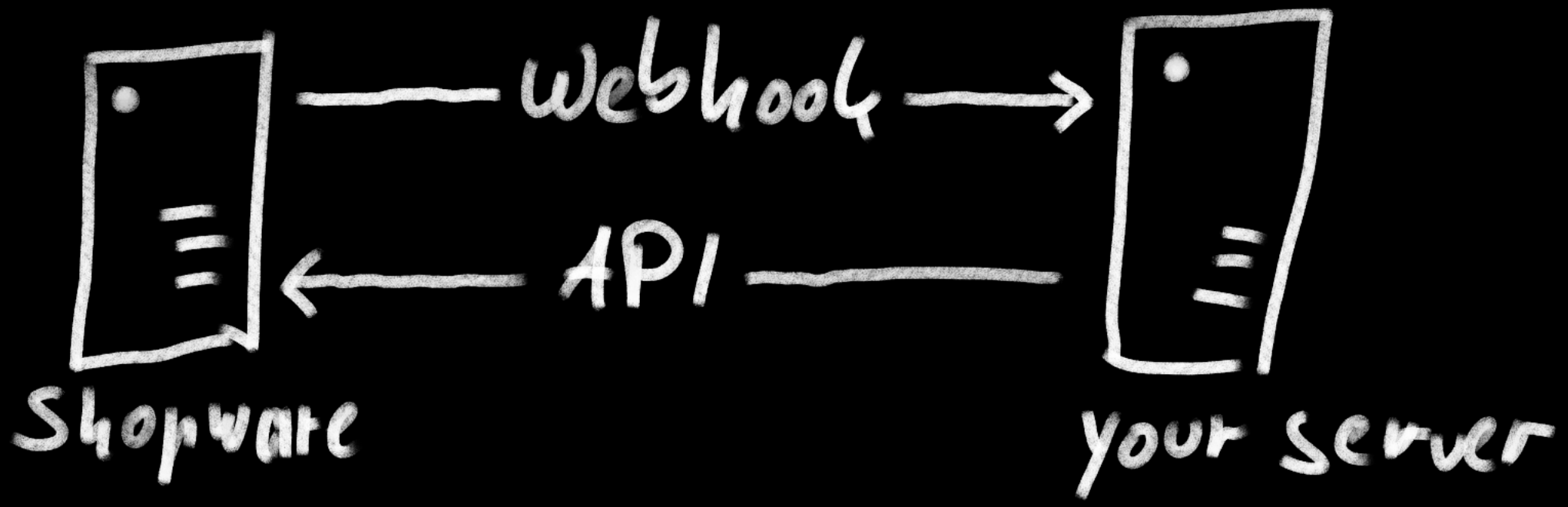
```
{% macro getById(mediaId) %}
    {% set criteria = {
        'ids': [ mediaId ]
    } %}

     {% return services.repository.search('media', criteria).first %}
{% endmacro %}
```

The Shopware App System

Benefits for you that are not Shopware Cloud

- Full control of your code
- Very little amount of Shopware knowledge required
- Instant updates for your customers
- A lot of monitoring for you

The concept


webhook
API
Shopware
your server

What you can do

- Modify the appearance of the storefront
- Integrate payment providers
- Execute business logic inside Shopware with App Scripts
- Add conditions to the "Rule Builder"

How to

The Shopware part

```
└── custom
    ├── apps
    │   └── MyExampleApp
    │       └── manifest.xml
    └── plugins
```

```xml
<?xml version="1.0" encoding="UTF-8"?>
<manifest xmlns:xsi="[...]">
    <meta>
        <name>MyExampleApp</name>
        <label>Papillon</label>
        <label lang="de-DE">Schmetterling</label>
        <description>Une description</description>
        <description lang="de-DE">Eine Beschreibung</description>
        <author>Your Company Ltd.</author>
        <copyright>(c) by Your Company Ltd.</copyright>
        <version>1.0.0</version>
        <icon>Resources/config/plugin.png</icon>
        <license>MIT</license>
    </meta>
</manifest>
```

```xml
<?xml version="1.0" encoding="UTF-8"?>
<manifest xmlns:xsi="[...]">
    <meta>
        ...
    </meta>
    <webhooks>
        <webhook
            name="product-changed"
            url="https://example.com/event/product-changed"
            event="product.written"
        />
    </webhooks>
</manifest>
```

Your side of the story

- API
- App notification

shopware/AppTemplate

- Based on Symfony
- Registration process prebuilt
- Slim API client for the Shopware shop

Bring your own knowledge

A quick fix for local development

dockware.io | Use it, love it.

```
docker run --rm -p 80:80 dockware/play:latest
```

platform.sh deployment:

Fully documented and integrated

Roundup:

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Bonus!

Project:

Shopware "Frontends"

Feedback required

What is it?

- A framework for developing your own storefront
- Start on a green field, use Shopware functionality as needed
- Comes with an API client
- Ready-made vuejs components
- CMS elements
- Project templates

Try it out on:

StackBlitz

- Go to github.com/shopware/frontends
- Click on "Try it out"
- ...
- Profit

All the links you need

- docs.shopware.com (Search "App Base")
- github.com/shopware/AppTemplate
- platform.sh
- Bonus: github.com/shopware/frontends

Thank you for listening! 💙

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slack.shopware.com